

## 16\_47 Using AccuDraw to Place Line with a Bearing

### Question:

How do you draw a line in Microstation at a specific bearing?

### Answer:

Assuming we are strictly using Microstation tools and not going through Geopak COGO, any element, including line type, can be placed at a precise bearing using AccuDraw.

#### Step 1.

Activate AccuDraw.

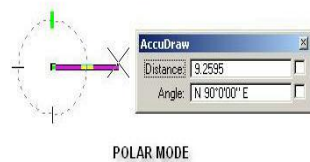
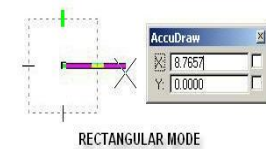


#### Step 2.

Click on the desired place element tool, e.g. Place Line.

#### Step 3.

Change AccuDraw mode from Rectangular (X and Y coordinates) to Polar (Distance and Angle) by depressing the Space Bar on the keyboard.



#### Step 4.

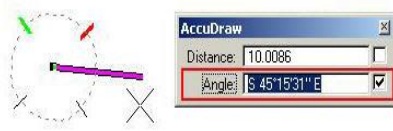
Choose whether the bearing is base on the Active View or Top View. Most of the time, if we what the bearing with respect to True North (north arrow direction), choose Top View option.

- Depress the T button on the keyboard to choose Top View bearing.
- Depress the V button on the keyboard to choose Active View bearing.



**Step 5.**

Lastly, check on the Angle lock and key-in the desired bearing. Place the element



Note that the bearing degree symbol can be entered with the carat character (^). The above bearing was keyed-in as S 45^15'31" E.